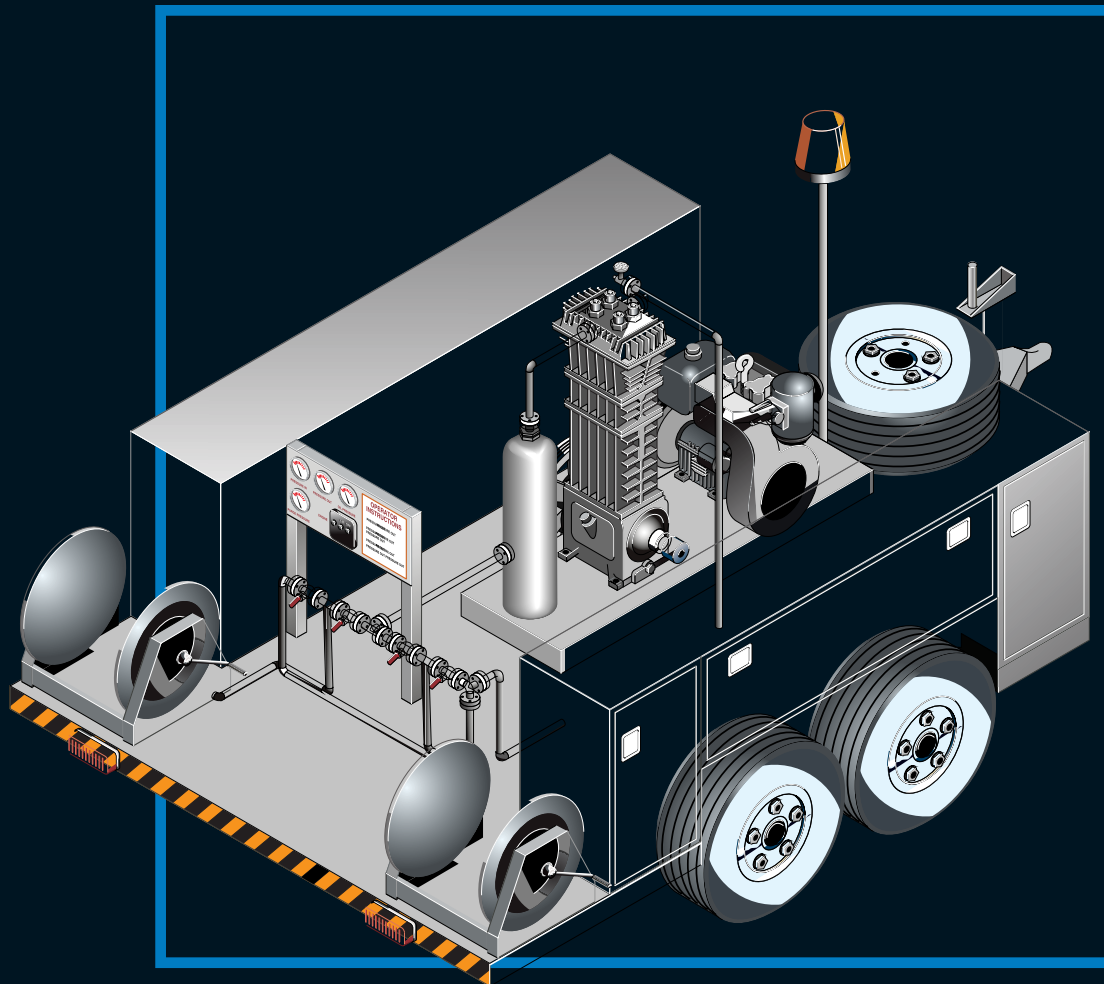


# E-Series

Mobile Evacuation Systems  
For Volatile and Toxic Gases



*Solutions beyond products...*

**CORKEN**  
**IDEX**

**motralec**

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## A Tradition of Excellence

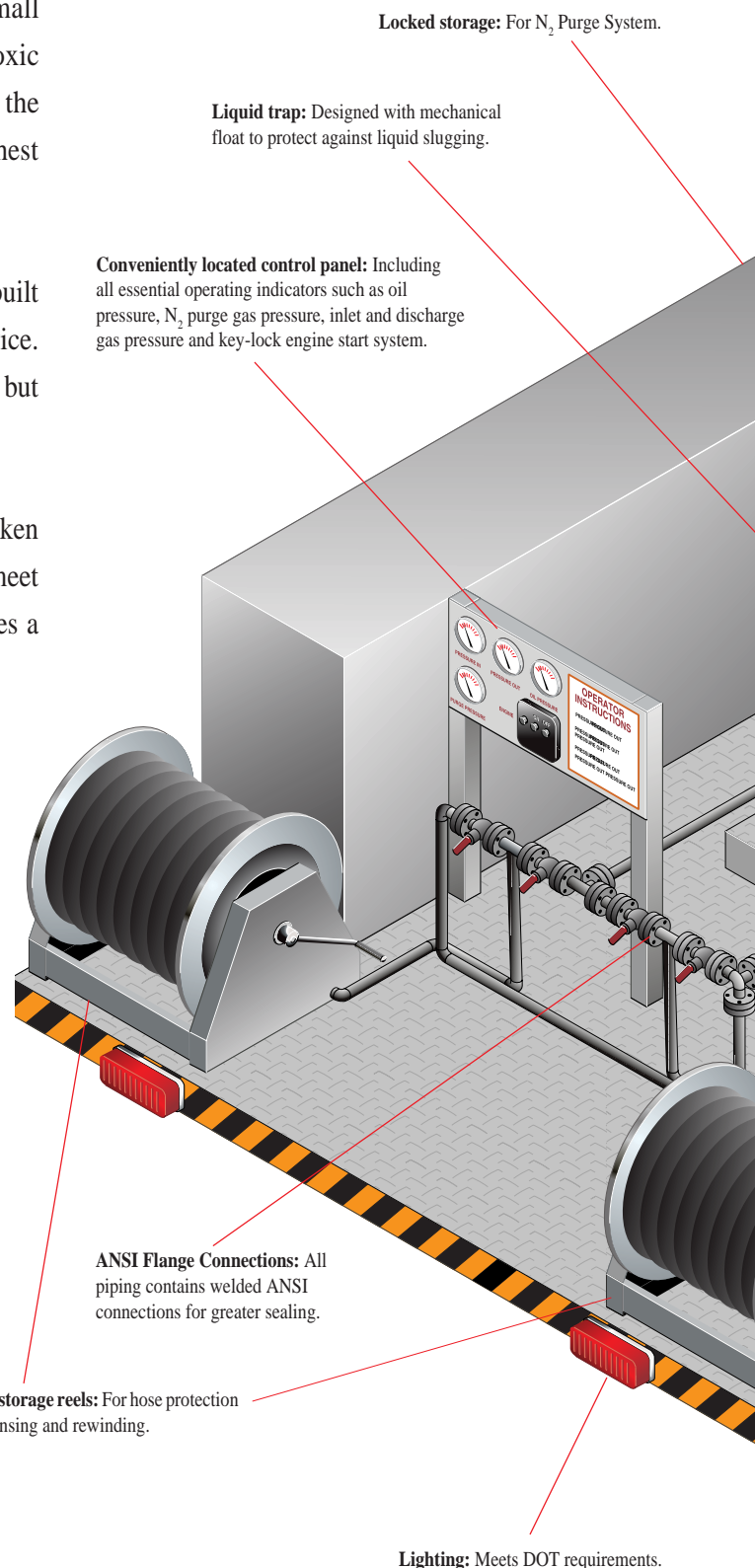
Corken, Inc. is recognized as a world leader in the manufacture of small gas compressors (1-75 hp/.75-55.9 kw) for transferring volatile and toxic gases. For over 40 years, Corken has been providing systems to meet the changing needs of our customers and at all times maintaining the highest level of quality.

Corken's exceptional reputation in each of the industries it serves is built upon decades of providing innovative products and total customer service. Corken employees take pride not only in the products they manufacture but also the level of customer satisfaction they achieve.

The new E-Series Mobile Evacuation System is an example where Corken listened to what their customers needed and set out to design a product to meet those specific needs. The E-Series Mobile Evacuation System provides a reliable and efficient means of evacuating volatile and toxic gases.

### Evacuation Applications

- Emergency vehicle for Haz-mat Responders
- Transport Evacuation
- Railcar Evacuation
- Tank Relocation
- Evacuation for Maintenance
- Stand-By Gas Booster
- Stand-By Liquid Unloading
- Stand-By Gas Recovery



# The E-Series Mobile Evacuation System

Meeting today's environmental and safety needs in containment and evacuation of volatile and toxic gases.

**Corken continuous duty, oil-free, reciprocating gas compressor:** Includes double distance piece, three packing sets per rod and optional nitrogen purge system.

**Yellow Caution Light:** Indicates evacuation in process.

**Diesel Engine Drive:** With manual clutch and electric start. Spark arresting muffler, overspeed safety shutdown and locked battery storage. Also available with optional gasoline or LPG drive and manual start.

**Full size spare tire.**

**Trailer design:** Provides ample space for routine maintenance.

**Convenient chock block storage.**

**Locked Storage:** For tool kits, Haz-mat protective clothing, hose adapters and miscellaneous fittings.

**Heavy-duty dual axle trailer with full size tires.**

**Heavy-duty leveling jacks:** To ensure stability at all times.

## Typical Gases

- Air
- Ammonia
- Argon
- Biogas
- Butadiene
- N-butane
- Carbon dioxide
- Carbon monoxide
- Chlorine
- Dimethyl ether
- Ethane
- Helium
- Hydrocarbon gas
- Hydrogen
- Isobutane
- Isobutene
- Isobutylene
- Methane
- Methyl chloride
- Methyl mercaptan
- Monomethylamine
- Natural gas
- Nitrogen
- Oxygen
- Propane
- Propylene
- HCFC-22
- HCFC-142B
- HFC-134A
- HFC-152A
- Sulfur dioxide
- Sulfur hexafluoride
- Vinyl bromide
- Vinyl chloride

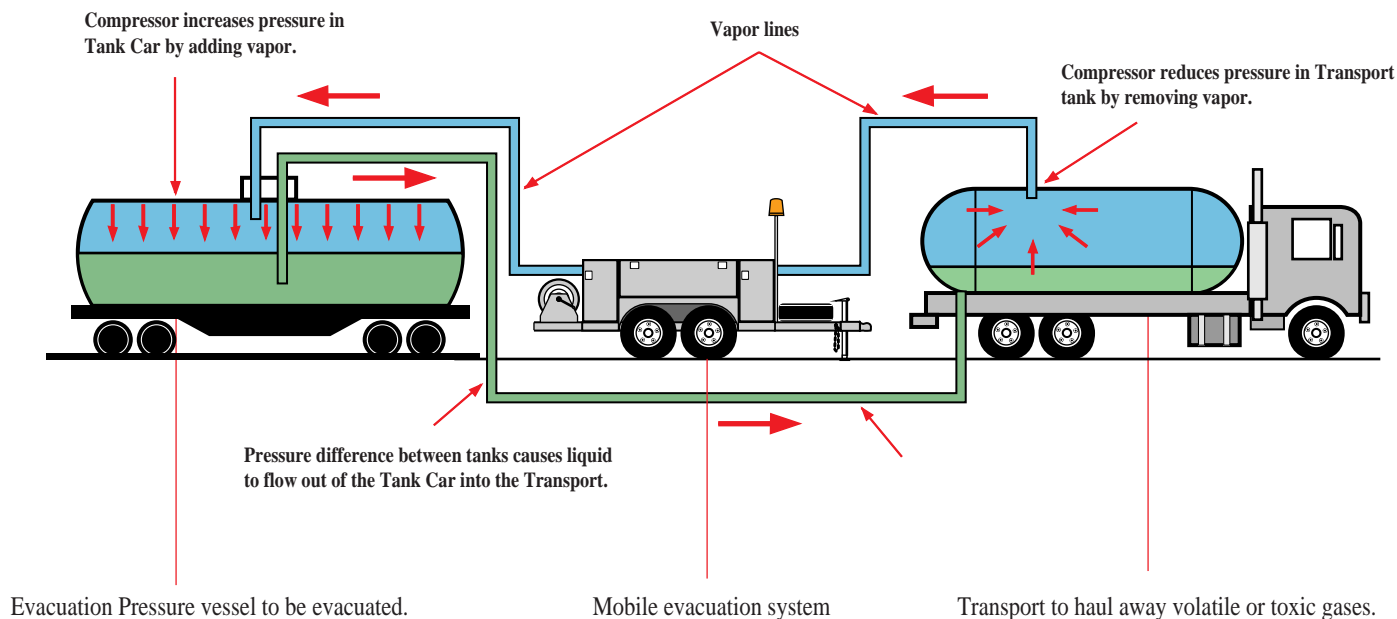
**QUALITY SYSTEM**  
**ISO 9001**  
**CERTIFIED**

*Solutions beyond products...*

**CORKEN®**

# Corken leads the way in innovation

Since the mid-50's, Corken has become the industry leader in providing compressor systems to unload liquids by means of pressure differential, and recovering residual vapors. Either may be accomplished simply by redirecting the vapor flow through the compressor by means of a multi-port valving manifold system. This highly reliable means of transfer has become the standard in the industry. If the product is not stored under pressure, the liquid can be transferred by means of dry air or nitrogen padding.



## Engineered to Customer Specifications.

Options to meet your evacuation needs:

- Single stage or two stage compressor
- Single or double distance piece design
- N<sub>2</sub> purge or pad system
- Special MC1002 coating for corrosive gases
- Alloy 50, PEEK or Teflon® blend piston rings
- Alloy 50 or Teflon® blend rod packing
- Special piston rod coatings
- Special valve materials as required
- Diesel, gasoline or LPG engine drives with electric or manual start
- Liquid pump if required
- Miscellaneous safety shutdowns
- Skid mounted versions available
- Many additional options available to meet the customer's specific requirements

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